

INTERNATIONAL SEARCH REPORT

PCT/IB2004/051879

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/078986 A1 (AYRES LARRY E ET AL) 24 April 2003 (2003-04-24) abstract page 1, paragraph 4 - page 1, paragraph 10 page 2, paragraph 20 - page 2, paragraph 25 page 3, paragraph 33 - page 4, paragraph 43 page 4, paragraph 46 - page 5, paragraph 50 page 6, paragraph 77 - page 7, paragraph 79 ----- -/--	1-22

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

20 December 2004

Date of mailing of the international search report

28/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>BANATRE M ET AL: "Providing quality of service over the Web: a newspaper-based approach"</p> <p>COMPUTER NETWORKS AND ISDN SYSTEMS, NORTH HOLLAND PUBLISHING. AMSTERDAM, NL, vol. 29, no. 8-13, September 1997 (1997-09), pages 1457-1465, XP004095340</p> <p>ISSN: 0169-7552</p> <p>abstract</p> <p>page 1459, left-hand column, line 4 - page 1459, left-hand column, line 14</p> <p>page 1459, right-hand column, line 11 - page 1460, right-hand column, line 43</p> <p>page 1461, right-hand column, line 31 - page 1462, left-hand column, line 9</p>	1-22
A	<p>PAPADIMITRIOU C H ET AL: "Information caching for delivery of personalized video programs on home entertainment channels"</p> <p>MULTIMEDIA COMPUTING AND SYSTEMS, 1994., PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON BOSTON, MA, USA 15-19 MAY 1994, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, 15 May 1994 (1994-05-15), pages 214-223, XP010098222</p> <p>ISBN: 0-8186-5530-5</p> <p>abstract</p> <p>page 215, left-hand column, line 17 - page 215, right-hand column, line 35</p> <p>page 217, left-hand column, line 6 - page 217, right-hand column, line 5</p>	1-22
A	<p>RITCHIE J ET AL: "UPnP AV Architecture: 0.83"</p> <p>DESIGN DOCUMENT MICROSOFT, XX, XX, 12 June 2002 (2002-06-12), pages 1-22, XP002271673</p> <p>JOURNAL ARTICLE</p> <p>page 3, line 1 - page 3, line 20</p> <p>page 4, line 1 - page 6, line 13</p> <p>page 7, line 1 - page 7, line 20</p>	1-22

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003078986	A1	24-04-2003	NONE
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